

PAT-NO: JP361170267A

DOCUMENT-IDENTIFIER: JP 61170267 A

TITLE: SYNCHRONOUS MOTOR

PUBN-DATE: July 31, 1986

INVENTOR-INFORMATION:

NAME

KOYAMA, NARIAKI

ASSIGNEE-INFORMATION:

NAME

FANUC LTD

COUNTRY

N/A

APPL-NO: JP60009290

APPL-DATE: January 23, 1985

INT-CL (IPC): H02K021/24

US-CL-CURRENT: 310/162

ABSTRACT:

PURPOSE: To reduce the torque loss of a motor due to an eddy current by forming a yoke of a laminate formed by insulating a thin magnetic material between layers to form the laminate wound in a coil shape.

CONSTITUTION: A yoke 22 disposed outside of a stator element 20a is formed of a laminate made by winding a thin magnetic material in a coil shape. The yoke 22 is formed in this manner as the laminated to reduce the eddy current generated at the yoke 22 in case of rotating a rotor element 18. Accordingly, the torque loss of a motor due to the eddy current can be reduced to be stably used to a high speed range.

COPYRIGHT: (C)1986,JPO&Japio